UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/527,956	0/527,956 03/15/2005 Jill MacDonald Boyce		PU020426	7058
	7590 04/12/2010 d, Patent Operations	EXAMINER		
THOMSON Lic P.O. Box 5312		TEKLE, DANIEL T		
Princeton, NJ 0	8543-5312		ART UNIT	PAPER NUMBER
			2621	
			MAIL DATE	DELIVERY MODE
			04/12/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary The MAILING DATE of this communication appears on the cover sheet with the correspondence address → Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE § MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extraction of time may be available under the provisions of 37 CFR 1.78(a). In or event, however, may a reply be timely filled in the state of colerable to the provisions of 37 CFR 1.78(b). In or event, however, may a reply be timely filled with the correspondence address. Fallete to reply with the less or colerabled panels for the provisions of 37 CFR 1.78(b). In or event, however, may a reply be timely filled. In the state of time in the more manages and the state of the state of the provisions of 37 CFR 1.78(b). In the state of the provision of 37 CFR 1.78(b). In the state of the provision of 37 CFR 1.78(b). In the state of the provision of 37 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In the state of the provision of 38 CFR 1.78(b). In this action is FINAL. 2b) This action is non-final. 2a) □ This action is FINAL. 2b) □ This action is non-final. 3b) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. In the action of 18-28 is/are provision of 18-28 is/are allowed. In the provision of 18-28 is/are allowed. In the provision of 18-28 is/are rejected. In the provision of 18-28 is/are allowed. In the provision of 18-28 is/are rejected. In the provision of 18-28 is/are allowed. In the provision of 18-28 is/are rejected. In the provision of 18-28 is/are rejected. In the provision of 18-28 is/are allowed. In the provision of 18-28 is/are rejected. In the pro			Applicati	on No.	Applicant(s)		
DANIEL TEKLE DANIEL TEKLE 2621 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In ro event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - Ficilize to reply within the set or extended period for reply with apply and will expire SIX (6) MONTHS from the realing date of this communication. - Ficilize to reply within the set or extended period for reply with the mailing date of this communication. - Ficilize to reply within the set or extended period for reply with the realing date of this communication. - Ficilize to reply within the set or extended period for reply with the product and the realing date of this communication. - Ficilize to reply within the set or extended period for reply with date of the mailing date of this communication. - Ficilize to reply within the set or extended period for reply with the product and will expire SIX (6) MONTHS from the realing date of this communication. - Ficilize to reply within the set or extended period for reply with date of this communication. - Ficilize to reply within the set or extended period for reply within the realing date of this communication. - Ficilize to reply within the set or extended period for reply within the realing date of this communication. - Ficilize to reply within the set or extended period of the realing date of this communication. - Ficilize to reply within the set or extended period of the reply within the realing date of this communication. - Ficilize to reply within the set or extended period of the reply within the set of the reply the date of the reply the d	Office Action Summary		10/527,9	56	MACDONALD BO	MACDONALD BOYCE ET AL.	
Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MALLING DATE OF THIS COMMUNICATION. Interest Sk (is) MONTHS from the major by acceptable under the production of the content of the conten			Examine		Art Unit		
Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Statusians of time may be available under the provisions of 37 CFR 1.136(a). In no avent, however, may a reply be timely filed after Str. (b) (MONTH'S from the mailing date of this communication. - If NO period for reply is specified above, the naximum statutory period will apply and will explice SX (8) MONTH'S from the mailing date of this communication. - If NO period for reply is specified above, the naximum statutory period will apply and will explice SX (8) MONTH'S from the mailing date of this communication is provided by the Critical Str. (b) Str. (c)			DANIEL 1	EKLE	2621		
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply within the set of extended period for reply within the set or extended period for reply will, by statute, and will set within the set or extended period for reply will, by statute, and will set within the set or extended period for reply will, by statute, and will set will set within the set or extended period for reply will, by statute, and will set will set will set within the set or extended period for reply will, by statute, and set will set will set will set will set within the set or extended period for reply set will set			ion appears on th	cover sheet with the	correspondence a	ddress	
1) Responsive to communication(s) filed on <u>04 February 2010</u> . 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) <u>1-16 and 18-28</u> is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) <u>1-16 and 18-28</u> is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	WHIC - Exter after - If NO - Failui Any r	HEVER IS LONGER, FROM THE MAIL isions of time may be available under the provisions of 3' SIX (6) MONTHS from the mailing date of this communic period for reply is specified above, the maximum statuto the to reply within the set or extended period for reply will, eply received by the Office later than three months after the set of the control of the	LING DATE OF THE TOTAL T	HIS COMMUNICATIO ent, however, may a reply be ti ill expire SIX (6) MONTHS fror dication to become ABANDON	ON. imely filed m the mailing date of this of ED (35 U.S.C. § 133).		
2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-16 and 18-28 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-16 and 18-28 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d) 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	Status						
4) Claim(s) 1-16 and 18-28 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-16 and 18-28 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d) 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	2a)□	This action is FINAL . 2b) Since this application is in condition for	☐ This action is r allowance except	non-final. for formal matters, pr		e merits is	
4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) ☒ Claim(s) is/are allowed. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	Dispositi	on of Claims					
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	5)□ 6)⊠ 7)□ 8)□	4a) Of the above claim(s) is/are valued. Claim(s) is/are allowed. Claim(s) <u>1-16 and 18-28</u> is/are rejected Claim(s) is/are objected to. Claim(s) are subject to restriction	withdrawn from co	nsideration.			
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	Applicati	on Papers					
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).	10)	The drawing(s) filed on is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the	accepted or be n to the drawing(s) le correction is requir	be held in abeyance. Se red if the drawing(s) is of	ee 37 CFR 1.85(a). bjected to. See 37 C		
 a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). 	Priority u	nder 35 U.S.C. § 119					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application Paper No(s)/Mail Date	1) X Notic 2) Notic 3) Inforr	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO- nation Disclosure Statement(s) (PTO/SB/08)	948)	Paper No(s)/Mail E Notice of Informal	Date		